

FORM PTO-1390 (REV 1-98)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTORNEY'S DOCKET NUMBER <div style="text-align: center; font-weight: bold;">81880.0148</div>	
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371				U.S. APPLICATION NUMBER (if known, see 37 C.F.R. 1.5) <div style="font-size: 1.5em; font-weight: bold;">10/580521</div> <div style="font-size: 0.8em;">Not assigned</div>	
INTERNATIONAL APPLICATION NO. <div style="text-align: center;">PCT/JP2004/017404</div>		INTERNATIONAL FILING DATE <div style="text-align: center;">24 November 2004</div>		PRIORITY DATE CLAIMED <div style="text-align: center;">25 November 2003</div>	
TITLE OF INVENTION Ceramic Heater and Method for Manufacture Thereof					
APPLICANT(S) FOR DO/EO/US Ryuichi NAGASAKO, Osamu HAMADA and Koji SAKAMOTO					
<p>Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:</p> <ol style="list-style-type: none"> 1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371. 3. <input checked="" type="checkbox"/> This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1). 4. <input type="checkbox"/> A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date. 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) <ol style="list-style-type: none"> a. <input type="checkbox"/> is transmitted herewith (required only if not transmitted by the International Bureau). b. <input checked="" type="checkbox"/> has been transmitted by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input checked="" type="checkbox"/> A translation of the International Application into English (35 U.S.C. 371(c)(2)). 7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <ol style="list-style-type: none"> a. <input type="checkbox"/> are transmitted herewith (required only if not transmitted by the International Bureau). b. <input type="checkbox"/> have been transmitted by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). 10. <input type="checkbox"/> A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). <p>Items 11. to 16. below concern document(s) or information included:</p> <ol style="list-style-type: none"> 11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 C.F.R. 1.97 and 1.98. 12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 C.F.R. 3.28 and 3.31 is included. 13. <input checked="" type="checkbox"/> A FIRST preliminary amendment. <div style="margin-left: 20px;"> <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment. </div> 14. <input type="checkbox"/> A substitute specification. 15. <input type="checkbox"/> A change of power of attorney and/or address letter. 16. <input type="checkbox"/> Other items or information: 					

U.S. APPLICATION NO. (if known, see 37 C.F.R. 1.5) <div style="font-size: 1.5em; font-weight: bold;">10/580521</div>		INTERNATIONAL APPLICATION NUMBER PCT/JP2004/017404		ATTORNEY'S DOCKET NUMBER 81880.0148		
17. <input checked="" type="checkbox"/> The following fees are submitted: BASIC NATIONAL FEE (37 C.F.R. 1.492(a)(1)-(5)): Basic National Fee \$300 National Stage Search Fee \$400 National Stage Examination Fee \$200 <div style="text-align: right; margin-top: 10px;">TOTAL FEE AMOUNT =</div>					CALCULATIONS PTO USE ONLY <hr/>	
Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 C.F.R. 1.492(e)).					\$ 900.00	
CLAIMS	NUMBER FILED	NUMBER ALLOWED	NUMBER EXTRA	RATE		
Total claims	14	20	0	X \$50.00	0	
Independent claims	4	3	1	X \$200.00	200.00	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)				X \$360.00	0	
SIZE FEE <u>92</u> (TOTAL PAGES OF SPEC AND DRAWINGS TOGETHER)			\$250 for each additional 50 sheets	X \$250.00	0	
TOTAL OF ABOVE CALCULATIONS =					1230.00	
<input type="checkbox"/> Applicant claims small entity status. See 37 C.F.R. § 1.27. The fees indicated above are reduced by 1/2.						
SUBTOTAL =					1230.00	
Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 C.F.R. 1.492(f)).					\$ 0	
TOTAL NATIONAL FEE =					1230.00	
Fee for recording the enclosed assignment (37 C.F.R. 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 C.F.R. 3.28, 3.31). \$40.00 per property +					\$ 0	
TOTAL FEES ENCLOSED =					1230.00	
\$					Amt. Refunded	\$
					Amt. charged	
a. <input checked="" type="checkbox"/> Check in the amount of <u>\$1230.00</u> to cover the above fee is enclosed. b. <input type="checkbox"/> Please charge my Deposit Account No. 50-1314 in the amount of _____ to cover the above fees. A duplicate copy of this sheet is enclosed. c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-1314. A duplicate copy of this sheet is enclosed. NOTE: Where an appropriate time limit under 37 C.F.R. 1.494 or 1.495 has not been met, a petition to revive (37 C.F.R. 1.137(a) or (b)) must be filed and granted to restore the application to pending status. SEND ALL CORRESPONDENCE TO: <input checked="" type="checkbox"/> Customer Number 000026021 →						
HOGAN & HARTSON L.L.P. 500 South Grand Avenue, Suite 1900 Los Angeles, California 90071 Phone: 213-337-6700 Fax: 213-337-6701				<div style="font-size: 1.2em; font-family: cursive;">Lawrence J. McClure</div> SIGNATURE Lawrence J. McClure REG. NO. 44,228 Express Mail Label No. EV 691 879 954 US Date: May 24, 2006		

Transmittal Letter to the United States Designated Office (DO/US)—Entry Into National Stage under 35 U.S.C. 371—PTO 1390 [13-7]

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Ryuichi NAGASAKO et al.

Serial No: Not assigned

Filed: May 24, 2006

For: Ceramic Heater and Method for Manufacture Thereof

Art Unit: Not assigned

Examiner: Not assigned

CERTIFICATE OF MAILING VIA U.S. EXPRESS MAIL

"Express Mail" Mailing Label No. EV 691 879 954 US

Date of Deposit: May 24, 2006

Mail Stop PCT

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Dear Sir:

I hereby certify that

- ☒ two copies of a letter of transmittal
- ☒ check in amount of \$ 1230.00 as filing fee, search fee and examination fee
- ☒ patent application (85 page(s) of specification; 14 claim(s); 1 page(s) of abstract
- ☒ 6 sheet(s) of formal drawings
- ☒ Preliminary Amendment
- ☒ Information Disclosure Statement with 12 references
- ☒ return postcard

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service with sufficient postage under 37 C.F.R. § 1.10 on the date indicated above and are addressed to:

Mail Stop PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Date: May 24, 2006

Hogan & Hartson, LLP
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Joanna Alonso

Name of person mailing papers

Signature